

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

4035-0167PUS1

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/500189**

INTERNATIONAL APPLICATION NO.

PCT/JP02/13187

INTERNATIONAL FILING DATE

December 17, 2002

PRIORITY DATE CLAIMED

December 17, 2002

## TITLE OF INVENTION

WIRELESS COMMUNICATION METHOD, WIRELESS COMMUNICATION SYSTEM, WIDE-AREA WIRELESS  
COMMUNICATION BASE STATION, AND WIRELESS COMMUNICATION TERMINAL

## APPLICANT(S) FOR DO/EO/US

Gang WU, Khaled MAHMUD and Masugi INOUE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not transmitted by the International Bureau). WO 03/058999 A1
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4)
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  - a. ☐ is attached hereto.
  - b. ☐ has been submitted to the Internal Bureau (See Box VIII-4-1 of the Request (PCT/R0/101), **copy attached**).  
The Power of Attorney or Authorization of Agent and Certificate under 37 CFR 3.73(b) Showing Chain of Title are: ☐ attached hereto. ☐ will follow.
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 20. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449(s), and International Search Report (PCT/ISA/210) with 16 cited document(s).
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:  
PCT/IB/304  
Eight (8) Sheets of Drawings

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21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO. . . . . \$1,080.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO . . . . \$920.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO. . . . . \$770.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4). . . . . \$730.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4). . . . . \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS PTO USE ONLY**

\$ 920.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

**CLAIMS****NUMBER FILED****NUMBER EXTRA****RATE**

Total Claims 16 - 20 = 0 X \$18.00 \$

Independent Claims 4 - 3 = 1 X \$86.00 \$ 86.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable) Yes + \$290.00 \$ 290.00

**TOTAL OF ABOVE CALCULATIONS =**

\$ 1426.00

☐ Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are  
reduced by 1/2.

\$

**SUBTOTAL =**

\$ 1426.00

Processing fee of \$130.00 for furnishing the English translation later than 30  
months from the earliest claimed priority date (37 C.F.R. § 1.492(f)). +

\$

**TOTAL NATIONAL FEE =**

\$ 1426.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

**TOTAL FEES ENCLOSED =**

\$ 1426.00

Amount to be:  
refunded \$

charged \$ 1426.00

a. ☐ A check in the amount of \$0.00 to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account. No. 02-2448 in the amount of \$1,426.00 to cover the above fees. A duplicate copy  
of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to  
Deposit Account No. 02-2448.

**NOTE:** Where an appropriate time limit under 37 C.F.R. § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a)  
or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:

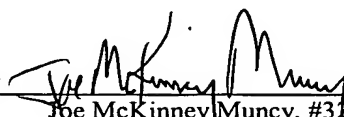
Birch, Stewart, Kolasch &amp; Birch, LLP or Customer No. 02292

P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

Date: June 25, 2004

By   
Joe McKinney Muncy, #32,334

/KM